

Manhole Inspection Summary

Manhole # S35S__018MH

Printed On: 5/28/2009

Page 1 of 5

Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **35S** Node: **018** Status: **Found**

Insp Date: **3/24/09 10:07 AM**

Incomplete Comments

Crew: **REI**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **1227 S HANOVER ST**

Cross Street: **W OSTEND ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **USED 16LB MAUL AND SPRAY LUBRICANT TO FORCE OPEN COVER; TRAFFIC CONTROL LANE SHIFT REQUIRED; MAN ENTRY REQUIRED, GAS DETECTOR READINGS NORMAL;**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Worn**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **2** (in.)

Condition: ☐ Sound ☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **6** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps

Count: **8** Missing: **0** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge** Depth: **0** (ft.) ☐ Active Surcharge Present

Manhole Inspection Summary

Manhole # S35S__018MH

Printed On: 5/28/2009

Page 2 of 5

Location View



Top View



Defect 4



BENCH AND CHANNEL DEBRIS,
SURCHARGE EVIDENCE

Defect 3



CORRODED STEPS, CHIMNEY
DETERIORATING, JOINT
INFILTRATION

Defect 2



COVER WORN

Defect 1



FRAME OFFSET

Defect 5



INFLOW EVIDENCE FROM SHEETING

Manhole Inspection Summary

Manhole # S35S__018MH

Printed On: 5/28/2009

Page 4 of 5

12 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **12** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **13.90** (ft.) Flow Characteristics: **Fast**
Deposits: ☐ None ☐ Mud ☒ Sludge ☒ Debris ☒ Grease
Silt Depth: **4** (in.) Deposits Extent: **Medium**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock

3 O'Clock Inflow

Drop In @ 3 O'Clock



Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **11.25** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**



Drop: **Outside** Rod and Bar
Angled: **Yes** Reading: **12.10** (ft.)
Inv Depth: **13.10** (ft.)
Drop Condition: **Partly Clogged**

Connects To: **Manhole**

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S35S__018MH

Printed On: 5/28/2009

Page 5 of 5

8 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **13.80** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ☒ **Grease**

Silt Depth: **2** (in.) Deposits Extent: **Medium**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection